

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	57	((end near2 end) with (flow near3 control\$4)) same atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 11:51
S2	116	(tunnel\$4) near3 atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:09
S3	2153	utran	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:09
S4	113	utran same atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:39
S5	1	"6374112".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:39
S6	1	S5 and (service adj1 node)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 13:09
S7	1	S5 and (aal)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:51
S8	0	S5 and (tunnel\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:51
S9	0	S5 and (l2p2)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 12:51
S10	1	S5 and ("16" same "24")	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 13:14
S11	0	((in adj1 channel) near4 signal\$4) with atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 13:14

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S12	0	((in adj1 channel) near4 signal\$4) same atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 13:15
S13	14	((in adj1 channel) near4 signal\$4) and atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/08 13:16
S14	12	((in adj1 band) near4 signal\$4) with atm	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 08:36
S15	195	tunnel\$4 with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 08:54
S16	1071	(layer adj1 (two "2")) near4 tunnel\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:00
S17	3	((layer adj1 (two "2")) near4 tunnel\$4) with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:02
S18	21	((layer adj1 (two "2")) near4 encapsulat\$4) with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 08:56
S19	10	((layer adj1 (two "2")) near4 tunnel\$4) same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:15
S20	7	S19 not S17	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:00
S21	0	(l2to) with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:03
S22	3662997	p	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:03
S23	7	(l2tp) with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:06

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S24	22	(l2tp) same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:06
S25	0	((level adj1 (two "2")) near4 tunnel\$4) same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:15
S26	145	((level adj1 (two "2")) ) same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:16
S27	145	((level adj1 (two "2")) ) same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:17
S28	38	((level adj1 (two "2")) ) with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:26
S29	1	"6850533".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:26
S30	1	S29 and (atm with tunnel\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:51
S31	12	(flow adj1 control) same (atm with tunnel\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:27
S32	0	(flow adj1 control) same (atm adj1 tunnel\$4)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:33
S33	16	(atm adj1 tunneling ((layer level) adj1 (two S16)) with (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:52
S34	4	((atm adj1 tunneling ((layer level) adj1 (two S16))) with (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:53
S35	30	((atm adj1 tunneling ((layer level) adj1 (two S16))) same (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:00

## EAST Search History

S36	26	S35 not S34	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:56
S37	1	11/149180	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 09:56
S38	1	S37 and in-channel	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:42
S39	30	((atm adj1 tunneling ((layer level) adj1 (two S16))l2pt) same (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:00
S40	37	((atm adj1 tunneling ((layer level) adj1 (two S16))l2tp) same (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:07
S41	7	S40 not S35	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:00
S42	71	(flow adj1 control) with (inband in-band (in adj1 band) in-channel)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:21
S43	12	(flow adj1 control) with (inband in-band (in adj1 band) in-channel) and ((layer level) adj1 (two S16))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:24
S44	12	((flow adj1 control) with (inband in-band (in adj1 band) in-channel)) and ((layer level) adj1 (two S16))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:27
S45	1	((flow adj1 control) with (inband in-band (in adj1 band) in-channel))and (l2tp)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 10:41
S46	1	"6850533".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:06
S47	0	(atm adj1 tunnel\$4) same (aal adaptation)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:07

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S48	1	(atm adj1 tunnel\$4) and (aal adaptation)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:07
S49	1	"6374112".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:33
S50	52	aal5 same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:35
S51	36	aal5 same (gfc)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:43
S52	52	(aal5 qsal "q.sal")same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:47
S53	13	(aal5 qsal "q.sal") with (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 11:43
S54	52	(aal5 qsal "q.sal")same (flow adj1 control)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 12:02
S55	1	"7,035,278".pn.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 12:02
S56	1	S37 and first with network with element	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:43
S57	1	S37 and ( network with element)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:45
S58	1	S37 and ( first adj1 leg)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:53
S59	1	S37 and ((second third) with leg)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:55

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S60	1	S37 and ((third) )	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:49
S61	1	S37 and ( leg)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:53
S62	1	S37 and (( third) with leg)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/09 14:56
S63	1071	(layer adj1 (two "2")) near4 tunnel\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/10 09:59
S64	4	((atm adj1 tunneling ((layer level) adj1 (two S63))) with (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/10 09:59
S65	30	((atm adj1 tunneling ((layer level) adj1 (two S63))) same (inband in-band (in adj1 band) in-channel))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/10 09:59
S66	26	S65 not S64	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/10 09:59
S67	25	S66	US-PGPUB; USPAT	OR	ON	2006/05/10 09:59
S68	1	11/149180	US-PGPUB; USPAT	OR	ON	2006/05/10 10:00
S69	0	S68 and ((flow near3 control) same (wcdma w-cdma cdma))	US-PGPUB; USPAT	OR	ON	2006/05/10 10:01
S70	1	S68 and ((flow near3 control) )	US-PGPUB; USPAT	OR	ON	2006/05/10 10:09
S71	0	(lac (link adj1 access adj1 control)) with ((wcdma w-cdma) and 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:16
S72	10	(lac (link adj1 access adj1 control)) with ((wcdma w-cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:19
S73	12	(lac (link adj1 access adj1 control)) same ((wcdma w-cdma) 3g) and (link adj1 access adj1 control)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:15

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S74	1	"6988999".pn.	US-PGPUB; USPAT	OR	ON	2006/05/10 10:16
S75	38150	S74 and (lac (link adj1 access adj1 control)) ((wcdma w-cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:17
S76	0	S74 and (lac (link adj1 access adj1 control) (wcdma w-cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:17
S77	0	S74 and (lac (link adj1 access adj1 control) (wcdma w-cdma cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:40
S78	102	(((mac rlc) with protocol)) with ((wcdma w-cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:44
S79	4	(((mac rlc) with protocol)) with ((wcdma w-cdma) and 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:19
S80	10	(((lac))) with ((wcdma w-cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:35
S81	22	(((lac))) with ((cdma))	US-PGPUB; USPAT	OR	ON	2006/05/10 10:35
S82	121	(lac (link adj1 access adj1 control) with (third 3rd))	US-PGPUB; USPAT	OR	ON	2006/05/10 10:41
S83	12	(lac (link adj1 access adj1 control) with (third 3rd) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 10:51
S84	169	(((mac rlc) with protocol)) with ((cdma wcdma w-cdma) 3g)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:44
S85	91	(((mac rlc) with protocol)) with (cdma)	US-PGPUB; USPAT	OR	ON	2006/05/10 10:44
S86	28	(lac (link adj1 access adj1 control) same (cdma) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 10:54
S87	147	(lac (link adj1 access adj1 control) and (cdma) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 10:54
S88	119	S87 not S86	US-PGPUB; USPAT	OR	ON	2006/05/10 10:54
S89	73	(lac (link adj1 access adj1 control) and (wcdma w-cdma) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 11:27
S90	1	"6400695".pn.	US-PGPUB; USPAT	OR	ON	2006/05/10 11:05
S91	1	S90 and (rnc fsu)	US-PGPUB; USPAT	OR	ON	2006/05/10 11:06
S92	1	S90 and (uu iub)	US-PGPUB; USPAT	OR	ON	2006/05/10 11:08
S93	1	S90 and (atm)	US-PGPUB; USPAT	OR	ON	2006/05/10 11:14

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S94	1	S90 and ("24")	US-PGPUB; USPAT	OR	ON	2006/05/10 11:17
S95	13	((lac (link adj1 access adj1 control) ) same (flow with control\$4) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 11:52
S96	86	((lac (link adj1 access adj1 control) ) same (network) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 11:34
S97	26	((lac (link adj1 access adj1 control) ) same (gsm gprs umts)) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 12:35
S98	34	((lac (link adj1 access adj1 control) ) same (pstn pots isdn internet)) and (link adj1 access adj1 control))	US-PGPUB; USPAT	OR	ON	2006/05/10 11:55
S99	8	("5629948"   "5638371"   "5684791"   "5715257"   "5726764"   "5793744"   "6310890"   "6477670").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 11:43
S100	13	((lac (link adj1 access adj1 control) ) same (flow with control\$4) and (link adj1 access adj1 control))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 11:52
S101	8	("5629948"   "5638371"   "5684791"   "5715257"   "5726764"   "5793744"   "6310890"   "6477670").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 11:53
S102	0	("9818280").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/10 11:53
S103	1	("9818280").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/10 11:54
S104	27271	((lac (link adj1 access adj1 control) )	US-PGPUB; USPAT	OR	ON	2006/05/10 11:58
S105	2920	((lac (link adj1 access adj1 control) ) and ("3g" ((third "3") adj1 generation) pstn pots isdn))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 11:59
S106	118	((lac (link adj1 access adj1 control) ) and ("3g" ((third "3") adj1 generation) pstn pots isdn) and (link adj1 access adj1 control))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 12:18
S107	76	((lac (link adj1 access adj1 control) ) and (gprs msc) and (link adj1 access adj1 control))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 12:26

## EAST Search History

S10 8	117	(lac (link adj1 access adj1 control) ) and (internet with (network stack)) and (link adj1 access adj1 control)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 12:27
S10 9	36	((lac (link adj1 access adj1 control) ) same ((internet ip) with (network stack))) and (link adj1 access adj1 control)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 13:49
S11 0	999	(mac rlc ) same ("3g" ((three "3") adj1 generation)gsm gprs msc)	US-PGPUB; USPAT	OR	ON	2006/05/10 12:38
S11 1	562	(mac rlc ) with ("3g" ((three "3") adj1 generation)gsm gprs msc)	US-PGPUB; USPAT	OR	ON	2006/05/10 12:41
S11 2	890	S110 and (wireless cellular)	US-PGPUB; USPAT	OR	ON	2006/05/10 12:40
S11 3	751	S110 and (wireless:)	US-PGPUB; USPAT	OR	ON	2006/05/10 12:40
S11 4	454	(mac rlc ) with (gsm gprs msc)	US-PGPUB; USPAT	OR	ON	2006/05/10 12:42
S11 5	351	S114 and wireless	US-PGPUB; USPAT	OR	ON	2006/05/10 12:42
S11 6	125	((mac rlc) near3 protocol ) with (gsm gprs msc)	US-PGPUB; USPAT	OR	ON	2006/05/10 13:11
S11 7	1	"6757293":pn.	US-PGPUB; USPAT	OR	ON	2006/05/10 13:12
S11 8	1	S117 and fsu	US-PGPUB; USPAT	OR	ON	2006/05/10 13:12
S11 9	5	((lac (link adj1 access adj1 control) ) same (2g (second adj1 generation))) and (link adj1 access adj1 control)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 13:53
S12 0	25	((lac (link adj1 access adj1 control) ) and (2g (second adj1 generation))) and (link adj1 access adj1 control)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 13:53
S12 1	17	S120 not nokia.asn.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/05/10 13:55
S12 2	0	"link aceess control" same protocol	USPAT	OR	ON	2006/05/10 13:56
S12 3	49	"link access control" same protocol	USPAT	OR	ON	2006/05/10 13:56
S12 4	181	chuah.inv.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 08:55

## EAST Search History

S12 5	5	S124 and (umts and rach and node and fsu and rnc)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 08:58
S12 6	5	S124 and (umts and rach and node and fsu and rnc and atm)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 09:30
S12 7	3	09/172493	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 09:00
S12 8	9	09/084,072	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 09:00
S12 9	1	"6400695".pn. and (atm (core adj1 network))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 10:17
S13 0	75	(flow adj1 control) with (in-channel in-band inband (in adj1 (channel band)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 10:36
S13 1	1	((flow adj1 control) with (in-channel in-band inband (in adj1 (channel band)))) same tunnel\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 10:19
S13 2	74	(flow adj1 control) with (out?of?channel out?of?band)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 10:52
S13 3	36	(flow adj1 control) with (aal\$2 (atm adj1 adaptation))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/05/11 10:53